



# SAS Tracker Competitor User Manual

## Welcome

For your and other competitor's safety, it is important that you are familiar with the use of the WRC tracking unit, herein referred to as "the unit" or "the WRC tracking unit".

The SAS System is designed to increase competition safety by providing safety notifications to inform event management, improve response times and provide accurate and reliable event times.

The following document outlines the basic features and functions of the WRC tracking unit. Please note that the WRC Tracking unit must be fitted and connected in all competitor's car, in accordance with the SAS Fitting Kit Manual – RALLY CAR.

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# 1. Powering The Unit On

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The unit is pre-loaded with all of the stage coordinates and is activated when powered on. Please power the unit on early before the event to give it time to run checks.

When powered on the unit will display the transport mode, the details of which are specified in the Art. 2.1 of this document.

The unit does not need to be powered off at any stage during the event as it will go to sleep within a few minutes of inactivity but can be re-woken by either moving the vehicle or pressing any of the four buttons.

It is recommended that the unit is not powered off during the event, to ensure the internal battery stays fully charged for emergencies.

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## 2. Unit Modes

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The unit has two modes:

- When not in a competitive stage, the unit will be in **transport mode**, as described in 2.1.
- When in a competitive stage, the unit will go into **stage mode**, as described in 2.2.

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### 2.1. Transport Mode

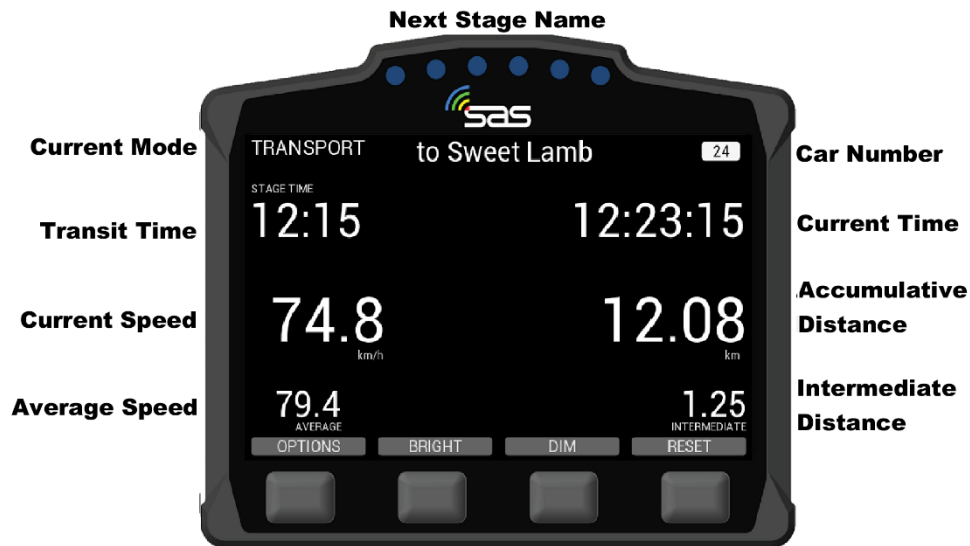
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**SCREEN 1** – The transport mode displays from the top down the following information: the name of the next point you are travelling to, the time in transit, current time, accumulative and intermediate distances and speed, average speed.

The unit has four physical buttons. Their functions are reported on the screen right above the button's location.

Starting from the far left button to the right, you have the following options:

- **OPTIONS**: Operation described in 5.Transport Menu.
- **BRIGHT**: Increase the screen brightness (Note that the screen must always be clearly readable so full brightness is recommended for daytime).
- **DIM**: Decrease the screen brightness,
- **RESET**: Intermediate trip meter.



SCREEN 1. Transport Mode

## 2.2. Stage Mode

**SCREEN 2** – When the start official assigns each individual competitor a due start time, a countdown will display on the unit as shown in the white field below. Also shown in the white field is the stage number and the due start time.



SCREEN 2. Countdown to Stage Start

**SCREEN 3** – Once the start time is reached, the screen will turn green as shown below and the competitor has to proceed into stage.



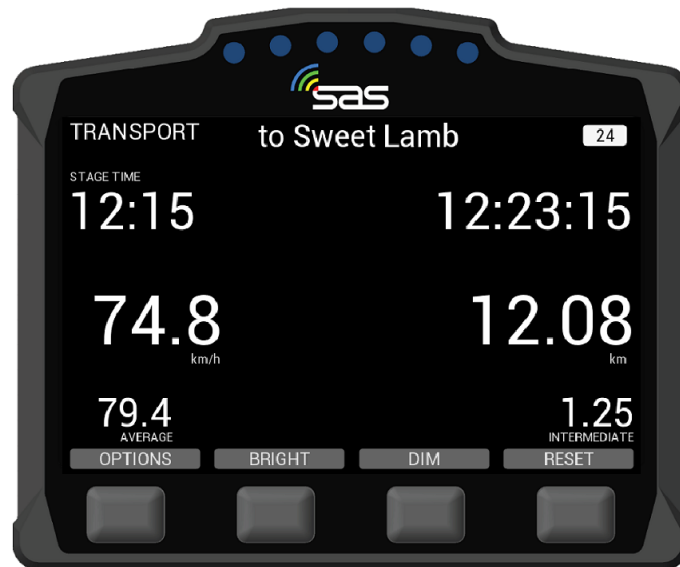
**SCREEN 3. Stage Start**

**SCREEN 4** – Once the competitor has started the stage, the unit will automatically switch to on stage mode. The unit will start timing.



**SCREEN 4. Stage mode**

**SCREEN 5** – If the start is postponed for whatever reason and the start time is cancelled, the unit will display the Transport Screen. Once it is clear to send cars again the official will re-issue a new start time.

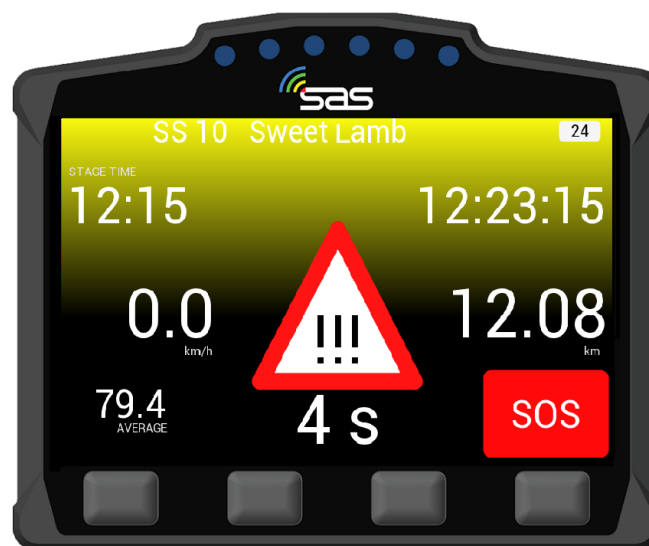


SCREEN 5. Start Time Cancelled

### 3. Hazard Alerts

The unit's primary function is to help alert race control of incidents on the course. The incident is notified to race control with different levels of hazard depending on the severity.

**SCREEN 6** – If a car stops during a stage, the unit will automatically transmit a HAZARD notification; this can either be upgraded to OK or downgraded to SOS by pressing the corresponding button to the text. A timer counts up to 60 seconds as an indication to press the "OK".



SCREEN 6. HAZARD Notification

**SCREEN 7** – If you select OK after the HAZARD alert, then the following screen will appear, showing that you and the car are OK.



SCREEN 7. OK Acknowledgment

**SCREEN 8** – If the manual SOS button is pressed, it must be confirmed as either a fire or medical SOS by pressing one of the two middle buttons. It can also be cancelled if pressed by mistake. If a car is involved in a High G impact, an automatic SOS message will display. If no urgent assistance is required, you can downgrade to OK by selecting the corresponding button.



SCREEN 8. Confirm Fire SOS or Medical SOS

**SCREEN 9** – When the SOS is confirmed, the screen 9 will display. Even once confirmed, the hazard can be changed to OK. Pressing OK will inform race control that the crew are OK and do not need medical assistance.



SCREEN 9. SOS Notification

## 4. Red Flag

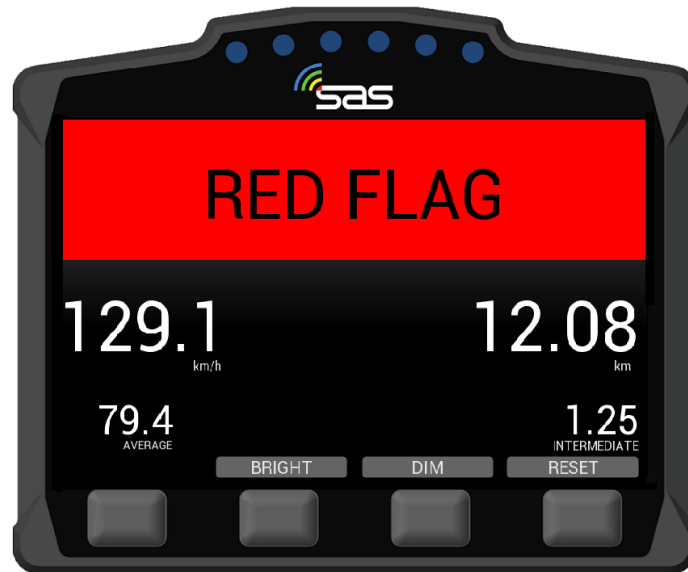
**SCREEN 10** – In the case of a serious incident, a stage may be red flagged from Race Control. The red flag will display a full screen warning until it is acknowledged. To acknowledge the flag the far left button must be pressed.



SCREEN 10. RED FLAG Acknowledge



**SCREEN 11** – Once the red flag has been acknowledged, normal stage functions will display with a warning still at the top of the screen.



SCREEN 11. RED FLAG in Stage Mode

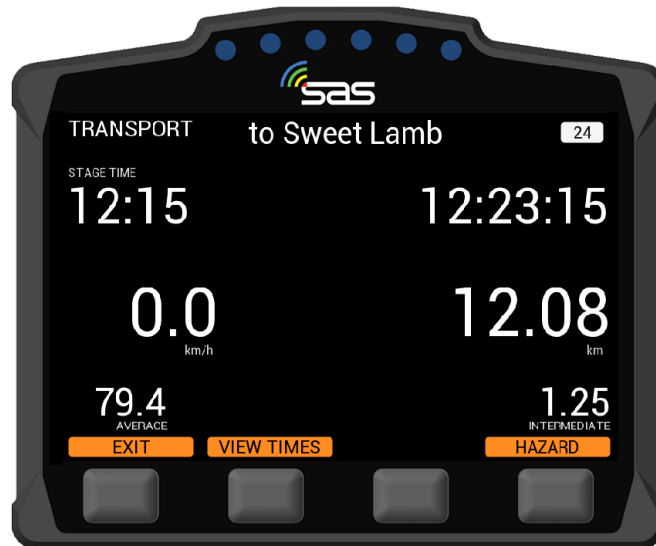
## 5. Transport Menu

**SCREEN 12** – In transport mode, the unit has a menu that can be accessed by pressing the options button.



SCREEN 12. Transport Mode

**SCREEN 13** – The option menu will allow the crew to view stage times “VIEW TIMES” or send a manual hazard/SOS “SEND HAZARD”.



SCREEN 13. Transport Mode – View times/Send Hazard

## 5.1. Stage Times

**SCREEN 14** – By pressing the “VIEW TIMES” button, provisional transit and competitive stage times will display. You can select times for any of the completed stages with the next and previous buttons.

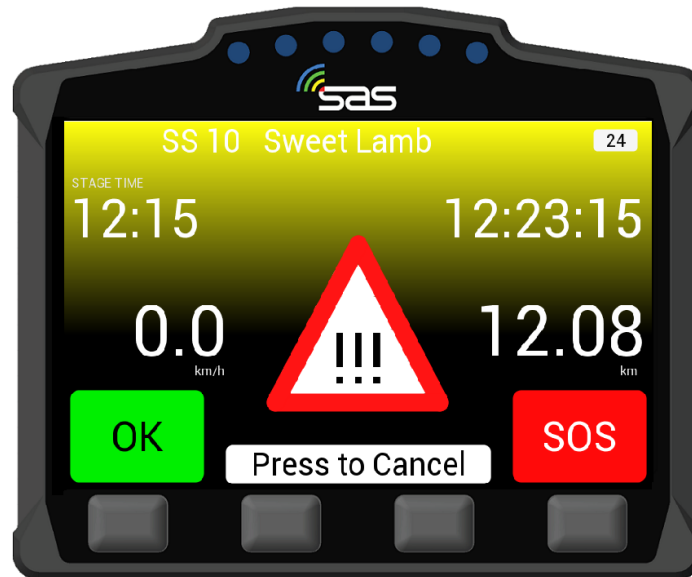


SCREEN 14. Times of completed stages

## 5.2. Manual Hazard

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**SCREEN 15** – If manual hazard is sent in transport mode, this can be upgraded or downgraded the same way as a stage hazard. If the hazard is no longer required, it can also be cancelled by pressing either of the two middle buttons “PRESS TO CANCEL”.



SCREEN 15. Manual Hazard in Transport Mode

## 6. Contact us

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For assistance, please contact the RallySafe Support Team by emailing: [info@statusas.com](mailto:info@statusas.com)

Please be as descriptive as you can when describing the problem. It would help us if you provide the following information at a minimum:

- Name of event.
- Vehicle or feature affected.
- Stage of incident.
- Time of incident.
- Any additional details.